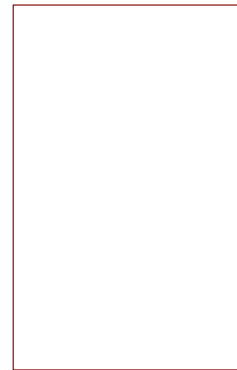


M10RASPI



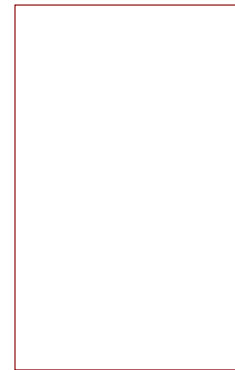
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PICO



File: pico.kicad_sch

STEPMOTOR



File: stepmotor.kicad_sch

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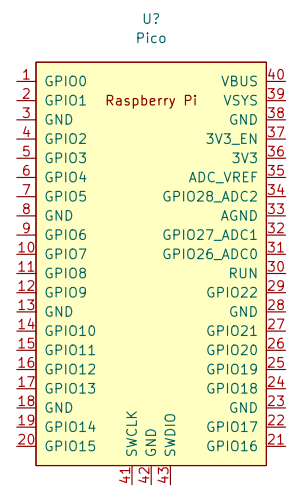
M10CUBE

Sheet: /
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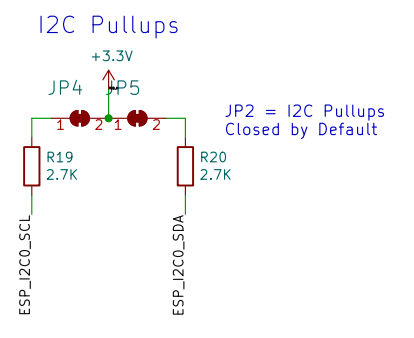
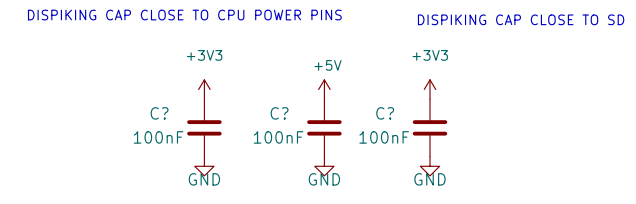
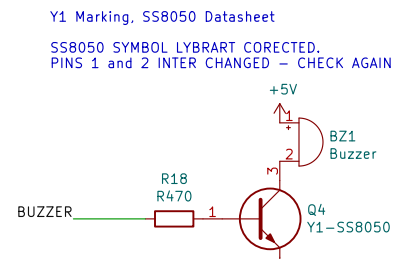
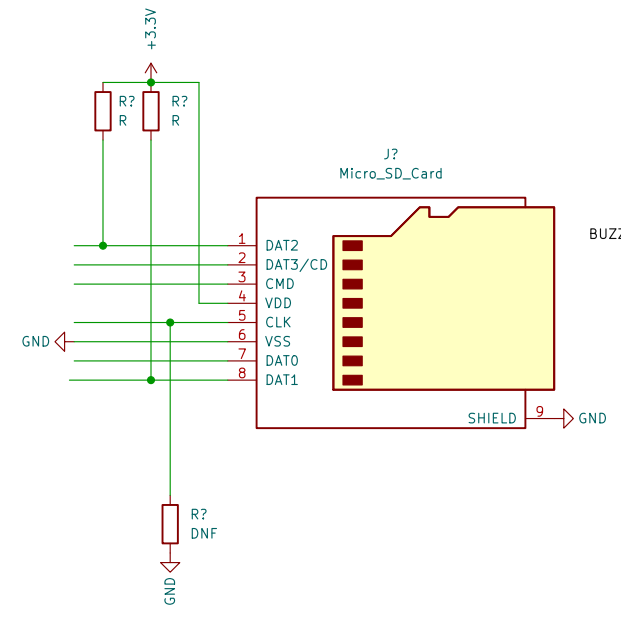
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Size: A3 Date: 2022-01-06
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Rev: 10
Id: 1/4

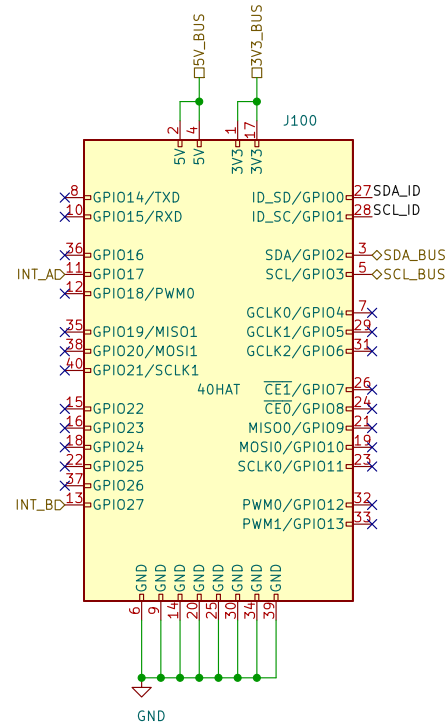


- ◇PICO_UARTTX
- ◇PICO_UARTRX
- ◇PICO_SDA
- ◇PICO_SCL
- ◇PICO_INTA
- ◇PICO_INTB



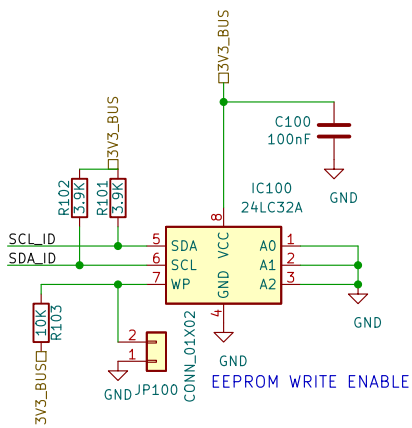


Alternate Function				Alternate Function
	3.3V PWR	1		2 5V PWR
I2C1 SDA	GPIO 2	3		4 5V PWR
I2C1 SCL	GPIO 3	5		6 GND
	GPIO 4	7		8 UART0 TX
	GND	9		10 UART0 RX
	GPIO 17	11		12 GPIO 18
	GPIO 27	13		14 GND
	GPIO 22	15		16 GPIO 23
	3.3V PWR	17		18 GPIO 24
SPI0 MOSI	GPIO 10	19		20 GND
SPI0 MISO	GPIO 9	21		22 GPIO 25
SPI0 SCLK	GPIO 11	23		24 GPIO 8
	GND	25		26 GPIO 7
	Reserved	27		28 Reserved
	GPIO 5	29		30 GND
	GPIO 6	31		32 GPIO 12
	GPIO 13	33		34 GND
SPI1 MISO	GPIO 19	35		36 GPIO 16
	GPIO 26	37		38 GPIO 20
	GND	39		40 GPIO 21
				SPI1 CS0
				SPI1 CS1
				SPI1 MOSI
				SPI1 SCLK



HAT EEPROM

The HAT spec requires this EEPROM with system information to be in place in order to be called a HAT. It should be set up as write protected (WP pin held high), so it may be desirable to either put a jumper as shown to enable writing, or to hook up a spare IO pin to do so.



- LOG1 OSHWGR
- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole



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Sheet: /M10RASPI/
File: m10raspi.kicad_sch

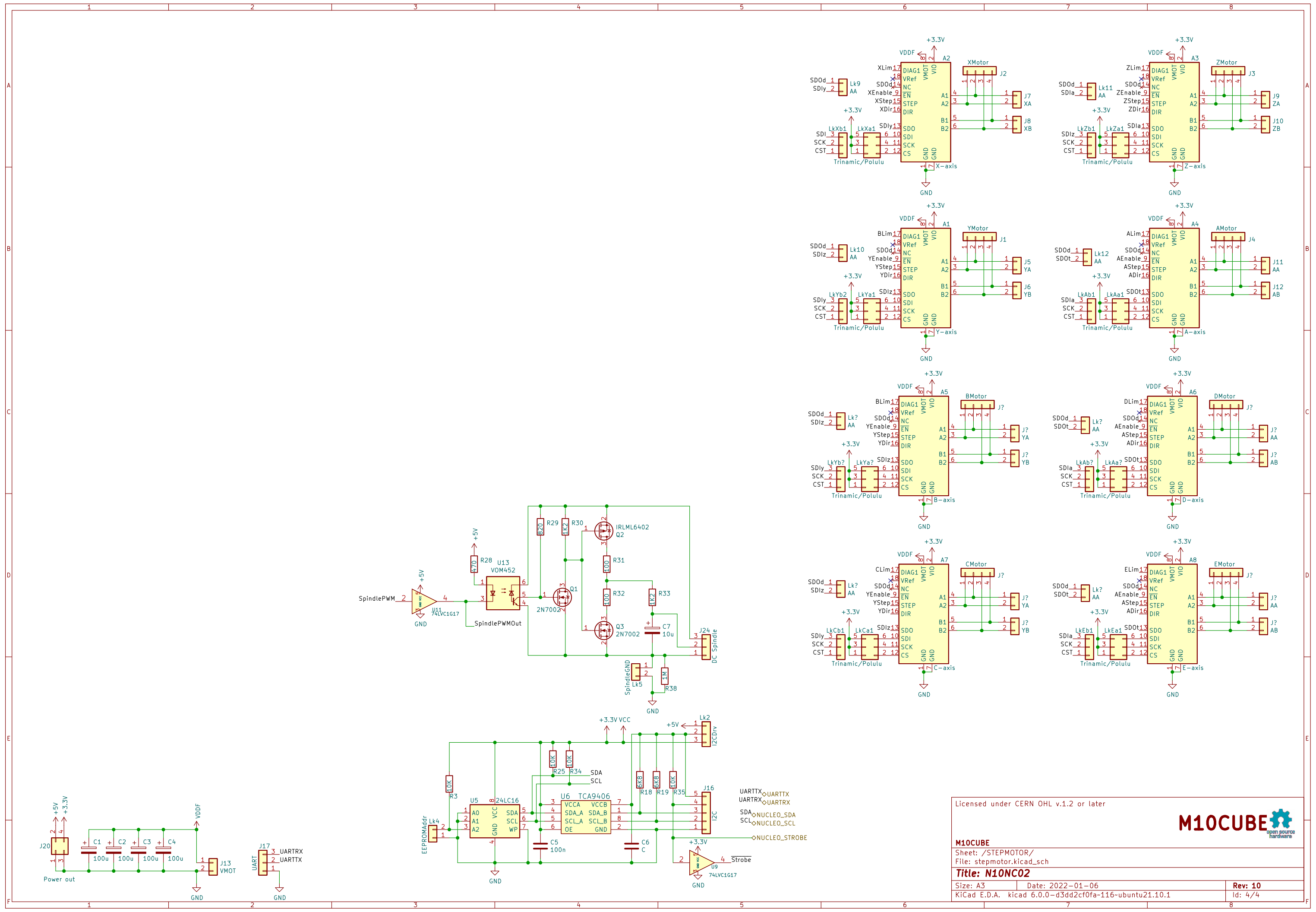
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Rev: 10

Id: 3/4



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 Sheet: /STEPMOTOR/
 File: stepmotor.kicad_sch
Title: N10NC02

Size: A3	Date: 2022-01-06	Rev: 10
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